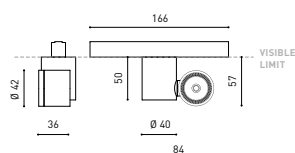




### DIMENSIONS



### ACCESSORIES



HIGH CHROMATIC LED



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB LOUVER



TRACK 48V OPTIONS

### AWARDS



### PRODUCT

|           |                                    |
|-----------|------------------------------------|
| Name      | IO 48V SHORT DIM DALI 56° 3000K NT |
| Reference | A3480231NT-S                       |
| Color     | Textured black                     |
| RAL       | 9005                               |
| Category  | TRACKLIGHTS                        |

### LIGHTING INFORMATION

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 505 Lm                    |
| Power                       | 4,5 W                     |
| Power values of the system  | 4,74 W                    |
| Colour temperature          | 3000 K                    |
| Colour Rendering Index      | CRI>90                    |
| Chromatic stability         | MacAdam Step 2            |
| Light beam angle            | 56°                       |
| Lighting efficiency         | 86%                       |
| Efficacy                    | 112 Lm/W                  |
| Current intensity           | 500 mA                    |
| Dimming                     | DALI                      |
| Control through bluetooth   | Please Consult            |
| Driver                      | Included                  |
| Electrical insulation class | III                       |
| Voltage                     | 48 Vdc                    |
| Energy efficiency           | A++                       |
| LED lifespan                | L80B10 (Tj=85°C) >60.000h |

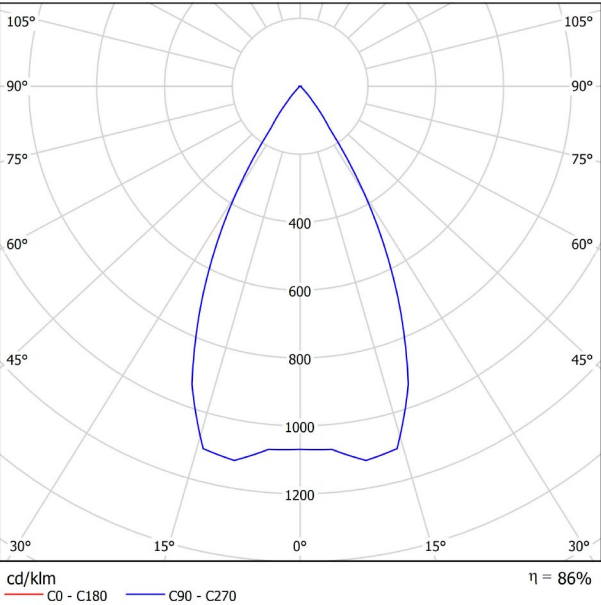
### OTHER DATA

|                      |                           |
|----------------------|---------------------------|
| Ingress Protection   | IP20                      |
| Swivel angle         | 325°                      |
| Rotation angle       | 355°                      |
| Track type           | Track 48V                 |
| Weight               | 155 g.                    |
| Packaged weight      | 225 g.                    |
| Packaging dimensions | 188 x 163 x 53 mm         |
| Units per package    | 1                         |
| Materials            | Aluminium / Polycarbonate |

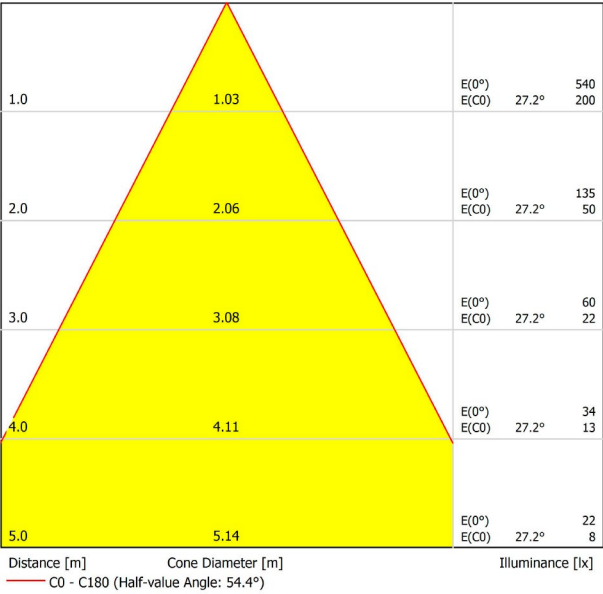


"Io 48V" is a LED spotlight miniaturised in a fixture that is so small that it fits on the palm of your hand. Designed for accent lighting applications, its small dimensions mean it can be fitted in display cabinets, shop windows and small places without generating an invasive presence on the scene. Created to be placed on a track, it offers all the features of concentrated LED spotlights with a minimalist and hyper-reduced design.

POLAR DIAGRAM



CONICAL DIAGRAM



# HIGH CHROMATIC LED

ARKOSLIGHT®

FOR COMMERCIAL PRODUCT SHOWCASING

| Vivid Model<br>Colour Temperature | 2700K | 3000K | 3500K | 4000K | Light Pink |
|-----------------------------------|-------|-------|-------|-------|------------|
| 📖 Reading                         |       |       | •     | •     |            |
| 🥕 Fruits & Vegetables             |       | •     | •     |       |            |
| 🍰 Bakery                          | •     |       |       |       |            |
| 👤 Retail                          |       | •     | •     |       |            |
| 💄 Cosmetics                       |       |       | •     | •     |            |
| 🥩 Meat                            |       |       |       |       | •          |
| 🐟 Fish                            |       |       |       | •     |            |
| 🐠 Seafood                         |       |       |       | •     | •          |



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



| PRODUCT   |                     |
|-----------|---------------------|
| Model     | Beam Mixer Diffuser |
| Reference | 08050100            |
| Category  | Accessories         |

NOT SOLD SEPARATELY.

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBCP), and produce less undesirable "field light" at higher angles.



| PRODUCT   |                             |
|-----------|-----------------------------|
| Model     | Anti-glare Honeycomb Louver |
| Reference | 08060000NT                  |
| Colour    | NT ■   Textured black       |
| Category  | Accessories                 |

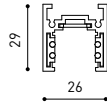
NOT SOLD SEPARATELY.



Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays of vision.

# 48V SYSTEM

## TRACK 48V



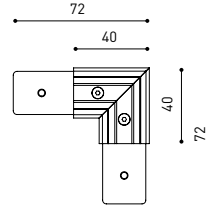
### TRACK 48V SURFACE SHORT

|                                              |                       |
|----------------------------------------------|-----------------------|
| TRACK 48V SURFACE SHORT 1m                   | A338-21-00-   WT   NT |
| TRACK 48V SURFACE SHORT 2m                   | A338-22-00-   WT   NT |
| TRACK 48V SURFACE SHORT 3m                   | A338-23-00-   WT   NT |
| TRACK 48V SURFACE SHORT Corner 90° One Plane | A338-24-00-   WT   NT |

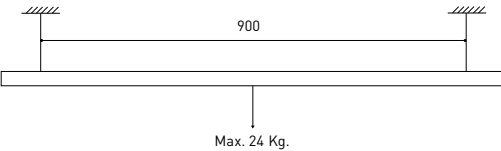


### TRACK 48V SURFACE SHORT

#### Corner 90° One Plane



\*Electrical connection not included

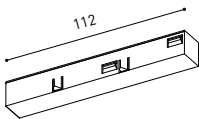


|                  |            | P    | V   | D               |
|------------------|------------|------|-----|-----------------|
| CONSTANT VOLTAGE | 0434-01-21 | 75W  | 48V | 180 x 52 x 30mm |
| LED POWER SUPPLY | 0434-01-22 | 150W | 48V | 240 x 60 x 49mm |

### DROP VOLTAGE TABLE

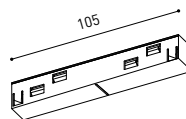
|           |                     | CABLE LENGTH (m) |    |    |    |
|-----------|---------------------|------------------|----|----|----|
|           |                     | 5                | 10 | 20 | 30 |
| POWER (W) | CABLE SECTION (mm²) | TRACK LENGTH (m) |    |    |    |
| 75        | 0,75                | 50               | 50 | 30 | X  |
|           | 1,5                 | 50               | 50 | 50 | 50 |
| 150       | 0,75                | 40               | 15 | X  | X  |
|           | 1,5                 | 50               | 40 | 20 | X  |

## ALL 48V TRACK



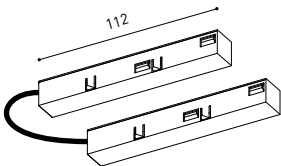
### TRACK 48V Live-End Connector

A338-00-01- | W | N |



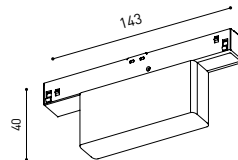
### TRACK 48V Central Connector

A338-00-02- | W | N |



### TRACK 48V Corner 90° Connector

A338-00-12- | W | N |



### TRACK 48V Wireless Control

0434-01-31- | W | N | Casambi/AAG Stucchi App

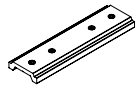
0434-01-32- | W | N | AAG Stucchi App

COLOUR | N ■ RAL 9005 | W □ RAL 9016 | NT ■ RAL 9005 | WT □ RAL 9016 |

48V SYSTEM

# TRACK 48V

## SURFACE SHORT & SUSPENSION SHORT 48V



**TRACK 48V SURFACE** Straight Joiner

A338-00-11



**TRACK 48V SURFACE SHORT** End

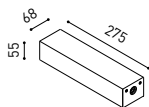
A338-00-18- | N |



**TRACK 48V SURFACE SHORT** End Feed

A338-00-19- | N |

## SURFACE SHORT 48V

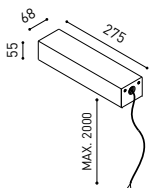


**TRACK 48V** Power Supply Case

A338-00-20- | WT | NT | NO DIM

\*To be installed aside 48V Surface Tracks  
Power supply not included

## SUSPENSION SHORT 48V

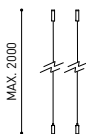


**TRACK 48V** Wired Power Supply Case

A338-00-22- | WT | NT | NO DIM

A338-00-23- | WT | NT | DIM

\*Power supply not included



**TRACK 48V SURFACE** Suspension Kit (2 units)

A338-00-15- | WT | NT |



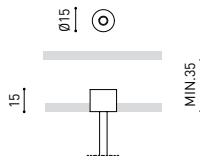
**TRACK 48V SURFACE** Suspension Feed Kit

A338-00-16- | W | N | NO DIM

A338-00-17- | W | N | DIM

\*For remote power supply

## WIRE TRIMLESS ACCESSORIES



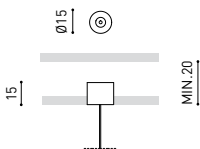
**FEED**

**MAINS TRIMLESS\***

A023-00-01- | W | N | NO DIM

**MAINS THICK TRIMLESS\***

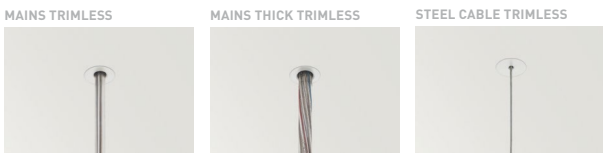
A023-00-02- | W | N | DIM



**FASTENING**

**STEEL CABLE TRIMLESS\***

A023-00-05- | W | N |



COLOUR | N ■ RAL 9005 | W □ RAL 9016 | NT ■ RAL 9005 | WT □ RAL 9016 |

\* AS MANY PIECES AS NEEDED ACCORDING TO YOUR PRODUCT